

PIXEL CIRCUIT FOR IMAGING SYSTEM

Abstract of the Disclosure

An imaging system can include at least a two-dimensional array of pixels, an input device that includes a sensor that provides an electronic signal that represents to the image two-dimensional array of pixels, and a controller, the electronic signal is controlled by a controller so that the electronic signal is either stored in the first capacitor, or stored in the second capacitor. The electronic signal can also be controlled by the controller so that the electronic signal is either stored in the first capacitor during a phase of one of the control signals, or not stored in the first capacitor during a phase of another one of the control signals. The system permits a dynamic response time for properly managing frame times associated with a large number of pixels so that the images will not appear as blurry images when they are displayed.

Figures